Southern Nuclear

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Docket No.: 52-025

ND-21-1084
10 CFR 52.99(c)(1)

U.S. Nuclear Regulatory Commission
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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
ITAAC Closure Notification on Completion of ITAAC 2.3.03.03c [Index Number 322]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.3.03.03c [Index Number 322], for verifying the Standby Diesel Fuel Oil Day Tank Flow Rate. The closure process for this ITAAC is based on the guidance described in NEI 08-01, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52", which is endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli Roberts at 706-848-6991.

Respectfully submitted,

Michael J. Yox
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.3.03.03c [Index Number 322]

MJY/TJC/sfr

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Southern Nuclear Operating Company
ND-21-1084
Enclosure

Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.3.03.03c [Index Number 322]

ITAAC Statement

Design Commitment

3.c) The fuel oil flow rate to the day tank of each standby diesel generator provides for continuous operation of the associated diesel generator.

Inspections/Tests/Analyses

Testing will be performed to determine the flow rate.

Acceptance Criteria

The flow rate delivered to each day tank is 8 gpm or greater.

ITAAC Determination Basis

Testing was performed in accordance with Unit 3 preoperational test procedure listed in Reference 1 to verify that the fuel oil flow rate to the day tank of each standby diesel generator provides for continuous operation of the associated diesel generator and that the testing performed verifies the flow rate delivered to each day tank was 8 gallons per minute (gpm) or greater.

Initial conditions were established with Onsite Diesel Generator A Package (ZOS-MS-05A) running with a load applied and temporary flow instruments installed to measure fuel oil flow. Manual fill of the fuel oil day tank was initiated and flow rate readings were recorded. This testing was repeated for Onsite Diesel Generator B Package.

The results of the testing showed that the fuel oil delivery rate to Unit 3 Onsite Diesel Generator A Package was 41 gpm and 47 gpm for Unit 3 Onsite Diesel Generator B Package. This verifies the flow rate delivered to each day tank is 8 gpm or greater.

Reference 1 is available for NRC inspection as part of Unit 3 ITAAC Completion Package (Reference 2).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all findings pertaining to the subject ITAAC and associated corrective actions. This review found there were no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 2.3.03.03c (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.03.03c was performed for VEGP Unit 3 and that the prescribed acceptance criteria were met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

References (available for NRC inspection)

1. SV3-ZOS-ITR-800322, Rev. 0, "Unit 3 Recorded Results of Standby Diesel Fuel Oil Day Tank Flow Rate: ITAAC 2.3.03.03c NRC Index Number: 322"
2. 2.3.03.03c-U3-CP-Rev0, ITAAC Completion Package